# WD BLACK™

## Desktop Hard Drives

**Maximum performance for power computing.**

Maximum performance

No compromises

Industry-leading warranty

WD Black hard drives are designed for enthusiasts and creative professionals looking for leading-edge performance. These drives are perfect for high-performance applications like photo and video editing, gaming and power PCs.

Learn more about WD Black

PUT YOUR LIFE ON IT®

# WD BLACK
## Desktop Hard Drives

## Product Features

**Maximum performance**
Sophisticated performance-enhancing features deliver the speed you need for demanding applications like photo and video editing and Internet gaming.

**No compromises**
High performance, high capacity, high reliability, and cutting-edge technology make WD Black the ideal drive for those who demand only the best.

**Industry-leading warranty**
WD Black carries the highest available warranty protection on the market, a 5-year limited warranty.

**Dual processor**
Twice the processing power to maximize performance.

**Dynamic cache**
WD's dynamic caching algorithm improves performance in real time by optimizing cache allocation between reads and writes. For example, if there's an overwhelming percentage of read traffic as opposed to write traffic, the drive automatically allocates more cache for read data, which reduces congestion and improves overall drive performance.

**Rock-solid mechanical architecture**
Enhanced reliability features help protect the drive and the data stored on it.

**NoTouch™ Ramp Load technology**
The recording head never touches the disk media ensuring significantly less wear to the recording head and media as well as better drive protection in transit.

**StableTrac™**
The motor shaft is secured at both ends to reduce system-induced vibration and stabilize platters for accurate tracking during read and write operations which enables consistently higher performance.
(4 TB and 2 TB models only)

**Tested for compatibility**
We perform tests on hundreds of systems and a multitude of platforms in our FIT Lab™ to give our customers confidence that our drives will work in their systems.

## Product Specifications

**INTERFACE**
SATA 6 Gb/s

**FORM FACTOR**
3.5-inch

**SPIN SPEED**
7200 RPM

**CACHE**
32 MB (LX models)
64 MB (EX models)

**MODELS**
WD5002AALX
WD5003AZEX
WD1002FAEX
WD2002FAEX
WD4001FAEX

**CAPACITIES**
500 GB
1 TB
2 TB
4 TB

**LIMITED WARRANTY**
5 years

**WD Black is a part of WD's complete lineup of internal hard drives.**

**WD** Blue™ Everyday Storage
**WD** Green™ Cool & Quiet Storage
**WD** Black™ Performance Storage
**WD** Red™ NAS Storage

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As used for storage capacity, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, and gigabit per second (Gb/s) = one billion bits per second.

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